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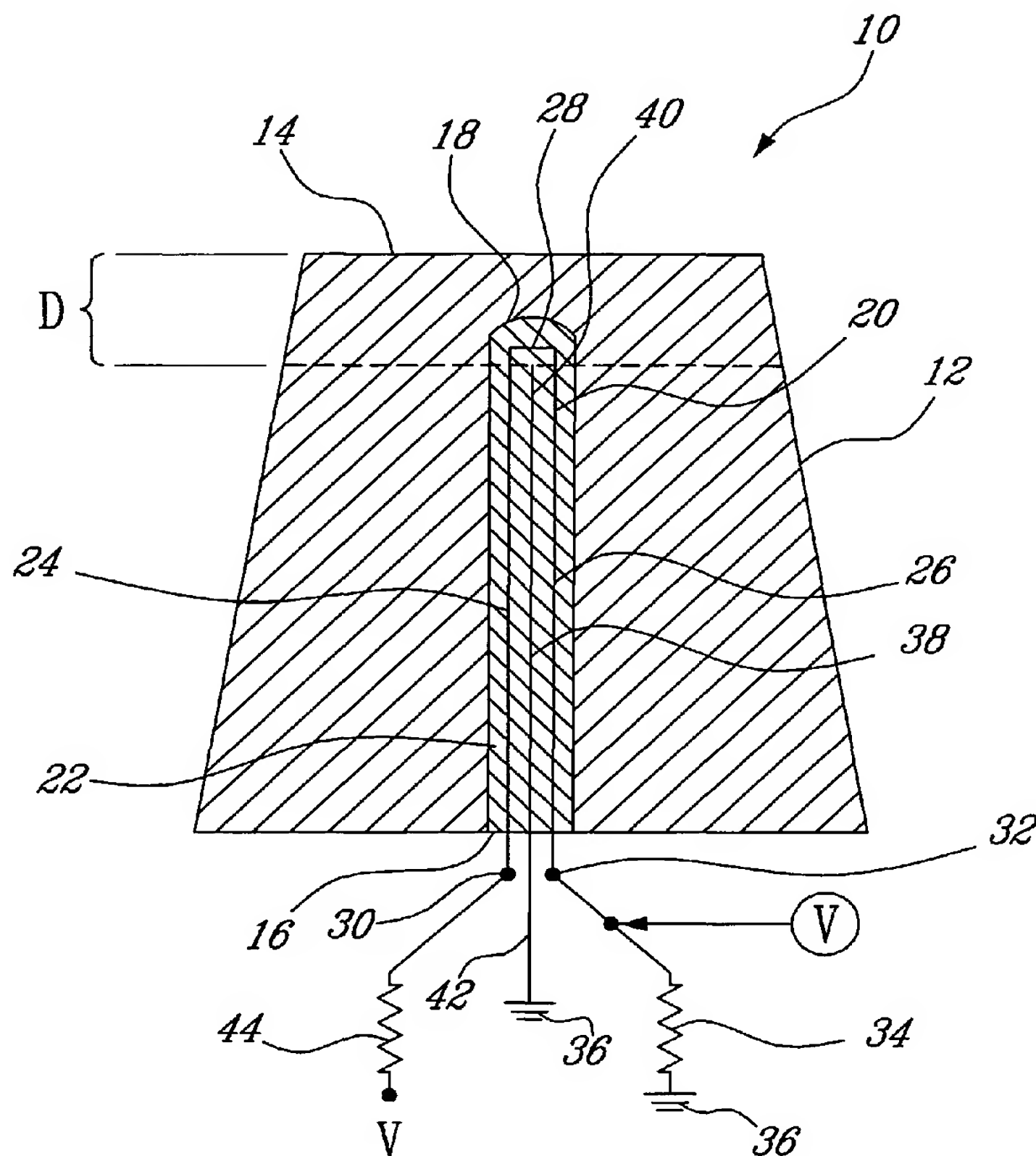
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(54) Title: METHOD AND DEVICE FOR SENSING WEAR



(57) Abstract: A sensor for detecting erosion of a wear surface of a component, particularly a liner attached to the mill shell of a rotating grinding mill. The sensor comprises a conductive element embedded in the component, the conductive element comprising a first end positioned at a first distance from the wear surface, at least one conductive loop comprising a wear portion positioned at a second distance from the wear surface proximate to the first end and a circuit coupled to the at least one element for determining a continuity of the conductive loop.



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